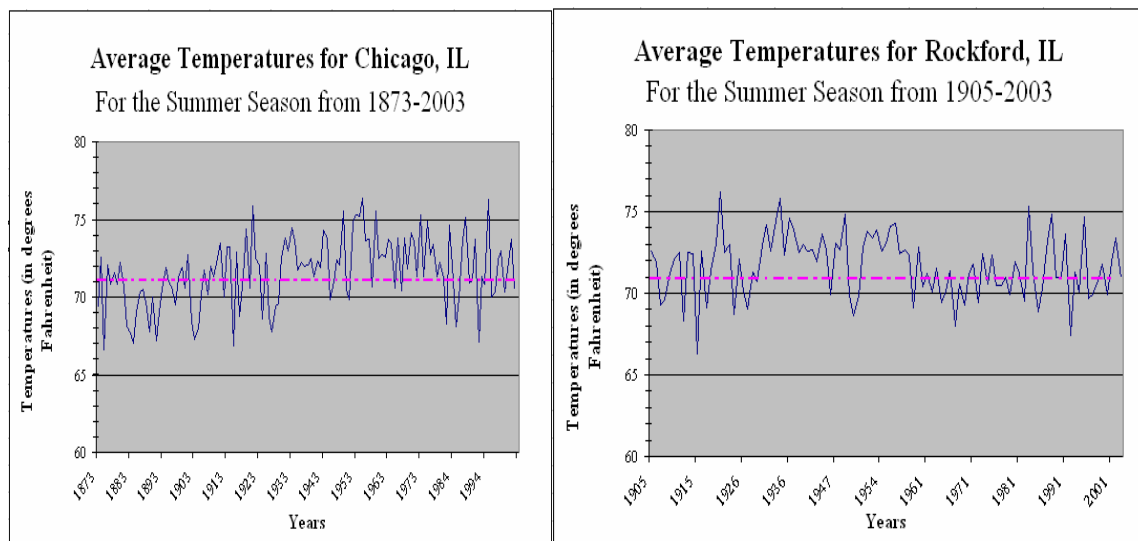


One of the Coldest Summers to Hit Northern Illinois

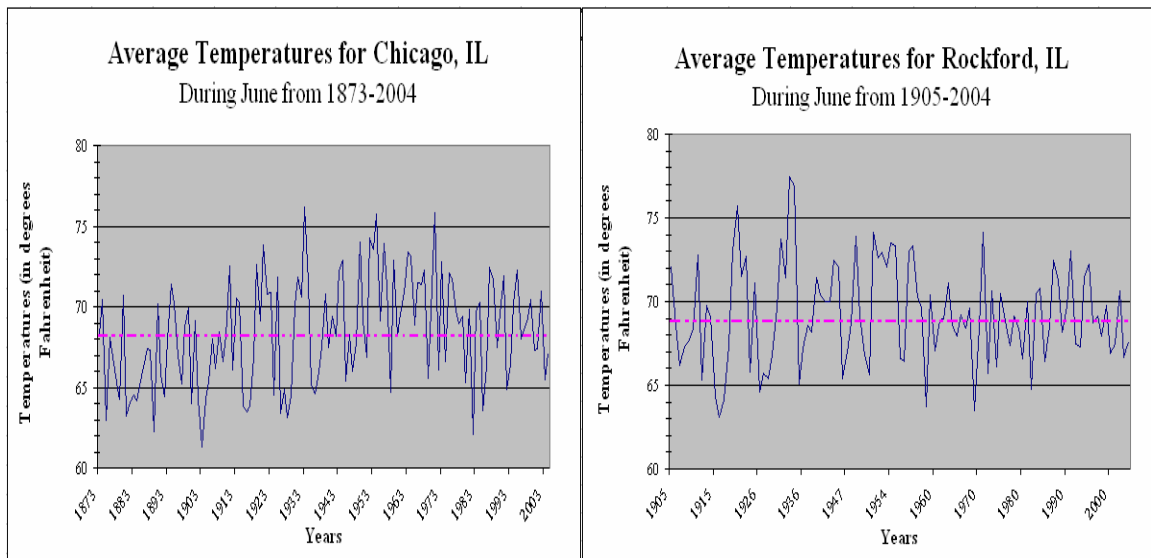
Northern Illinois has experienced a period of below normal temperatures since the start of meteorological summer that began June 1st. Meteorological summer is defined as the months of June, July, and August. Records for Rockford date back to 1905 while for Chicago, 1872.

The cool weather pattern this summer has resulted from a strong upper level ridge positioned across the western states and an unseasonably strong upper level trough across the central and eastern U.S. for much of the summer. The flow pattern has allowed Canadian high pressure systems to penetrate well south bringing cool air to the central sections of the U.S.

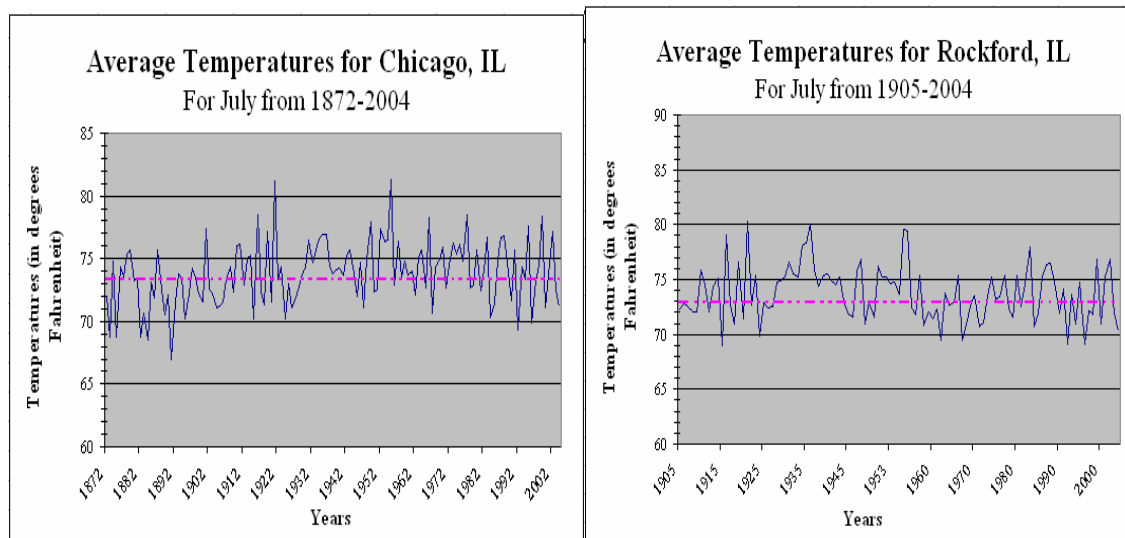
For both Rockford and Chicago, June and July were all below normal. August, in particular was noted for its unseasonably cold weather with the first twenty five days of the month averaging well below normal for the region. This led to many tied or broken records for the two sites. Through the 25th, August in Chicago is shaping up to be the 4th coldest August with an average temperature of 67.2 degrees. Similarly, Rockford can end up being the 3rd coldest August with an average temperature of 65.7 degrees. Rockford can rank as the third coldest summer with an average temperature so far of 67.9 degrees while Chicago can place as the 13th coldest summer with an average of 68.5 degrees. (Please note that more seasonable temperatures are expected for the close of the month. This, in turn, will affect the average temperatures for August and the summer.) The graphics below will demonstrate the variability in temperatures for the summer season as well as June through August for Rockford and Chicago.



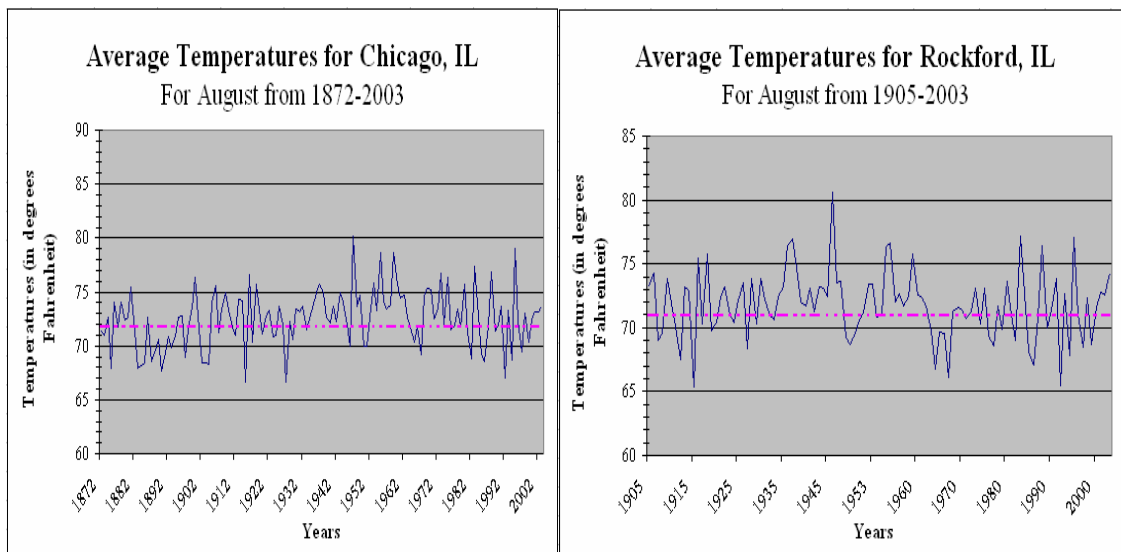
The above graphs depict average temperatures for the summer season (months of June-August) for the period of record at both Rockford and Chicago, IL. The dashed purple line denotes the average summer temperature. Chicago's normal is 71.1 degrees and Rockford's normal is 70.9 degrees.



The above graphs depict average temperatures for June for the period of record at both Rockford and Chicago, IL. The dashed purple line denotes the average temperature for the month. Chicago's normal is 68.2 degrees and Rockford's normal is 68.8 degrees.



The above graphs depict average temperatures for July for the period of record at both Rockford and Chicago, IL. The dashed purple line denotes the average temperature for the month. Chicago's normal is 73.3 degrees and Rockford's normal is 72.9 degrees.



The above graphs depict average temperatures for August for the period of record at both Rockford and Chicago, IL. The dashed purple line denotes the average temperature for the month. Chicago's normal is 71.7 degrees and Rockford's normal is 70.9 degrees.

Top 5 Warmest Summers

Rockford

1921...76.2
1934...75.8
1983...75.3
1988/1949...74.8
1995...74.7

Chicago

1955...76.4
1995...76.3
1921...75.9
1959/1949...75.5
1953...75.3

Top 5 Coldest Summers

Rockford

1915...66.3
1992...67.4
1967...68.0
1912...68.3
1951...68.6

Chicago

1875...66.6
1915...66.9
1884...67.0
1992...67.1
1891...67.2

Top 5 Warmest Augusts

Rockford

1947...80.6
1983...77.2
1995...77.1
1937...77.0
1955...76.6

Chicago

1947...80.2
1995...79.0
1959/1955...78.7
1983...77.3
1988...76.8

Top 5 Coldest Augusts

Rockford

1915...65.4
1992...65.5
1967...66.1
1964...66.8
1986...67.1

Chicago

1915...66.6
1927...66.7
1992...67.0
1890...67.6
1883...67.9

Some records tied or broken in August:

Rockford

*Broken Aug 11th: low maximum temperature at 61 degrees. Old record 65...1912.

Chicago

- *Broken Aug 11th: low maximum temperature at 62 degrees. Old record 65...1903.
- *Broken Aug 12th: low maximum temperature at 62 degrees. Old record 64...1903.
- *Tied Aug 13th: low minimum temperature: 51 degrees previously set in 1982.
- *Broken Aug 15th: low minimum temperature at 48 degrees. Old record 51...1964.
- *Broken Aug 16th: low minimum temperature at 48 degrees. Old record 49...1976.
- *Broken Aug 22nd: low minimum temperature at 49 degrees. Old record 51...1992/1890.

